

METHOD FOR MONITORING A MOVING OBJECT
AND SYSTEM REGARDING SAME

Abstract of the Invention

5 A method and system for use in monitoring a search area includes
the provision of a plurality of time varying distributions for each pixel of
image data representative of a search area. The plurality of time varying
distributions for each pixel are ordered based on a probability of the time
varying distribution being representative of background or foreground
10 information in the search area. For each pixel, an attempt to match update
pixel value data to each of all of the plurality of time varying distributions
provided for the corresponding pixel is performed to determine if the update
pixel value data is representative of background or foreground information in
the search area.

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